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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/626,048	07/23/2003	Ben Saidi	020728	1441
23696 7590 04/18/2007 QUALCOMM INCORPORATED 5775 MOREHOUSE DR. SAN DIEGO, CA 92121			EXAMINER DAFTUAR, SAKET K	
			ART UNIT	PAPER NUMBER
			2151	

SHORTENED STATUTORY PERIOD OF RESPONSE	NOTIFICATION DATE	DELIVERY MODE
3 MONTHS	04/18/2007	ELECTRONIC

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Office Action Summary	Application No. 10/626,048	Applicant(s) SAIDI ET AL.	
	Examiner Saket K. Daftuar	Art Unit 2151	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 March 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-32 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-32 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

1. This action is responsive to the applicant's submission filed on March 28th, 2007 has been entered. Claims 1-32 are presented for the further examination whereas claims 25-32 are newly added claims.

Response to Arguments

2. Applicant's arguments with respect to claims 1-32 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

4. Claims 1-32 rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The independent claim(s) contains subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventor(s), at the time the application was filed, had possession of the claimed invention.

Claims 1, 7, 13, and 19 recite the limitation "receiving a stream of media over a first communication channel from the first communication device." Pages 4-9 discloses about receiving media streams and receiving signals from the device, however, specification failed to disclose "receiving a stream of media over a first communication

Art Unit: 2151

channel". Page 1 of specification discloses about the intended wireless service such as one-to-one and one-to-many group communication. However, there are no discussion found in specification disclosing how one-to-one and one-to-many group communication taking place with respect to first / second communication channel.

Similarly, claimed subject matter in claims 25-32 do not have any support from the specification as specification do not have any disclosure that discloses "transmitting suppressed stream of media over a second communication channel." Additionally, there is no support in specification for "suppressing is independent of a channel latency on the second communication channel."

Claims 1, 7, 13, and 19 recite the limitation "regardless of a channel latency on the first communication channel" appears to be a negative limitation. Page 8-9 discloses that the media stream goes through a media transmission latency to reduce call media delivery latency. It appears that applicant claimed subject matter, "regardless of a channel latency", appears not to be an applicant's invention and it also does not have any support from specification.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States

only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

6. Claims 1-24 are rejected under 35 U.S.C. 102(e) as being anticipated by Yao et al. U.S. Patent Number 6,785,262 B1 (hereinafter Yao).

As per claim 1, Yao discloses requesting a group call at a first communication device (see column 2, lines 58-60; column 7, line 40 – column 8, line 29; examiner considers wireless communication system of Figure 3 and its request to establish connection as requesting a group call at a first communication device); receiving a stream of media from the first communication device wherein said stream of media comprises of one or more silence frames; (see column 3, lines 20-21; column 8, line 63 – column 9, line 15 and column 12, lines 14- 30; examiner considers receiving data at the receiver as receiving a stream of media from the first communication device wherein said stream of media comprises of one or more silence frames); and automatically suppressing the one or more silence frames from the received stream of media (see column 3, lines 53-58 ;column 8, line 63 – column 9, line 15 and column 12, lines 14- 30; examiner considers data frames are dropped at a second, higher rate if a processor determines that communication channel latency (inherits silence frame) has increased significantly as automatically suppressing the one or more silence frames from the received stream of media).

As per claim 2, Yao discloses said suppressing includes suppressing an initial silence frame situated before a first media frame (see column 4, lines 8-40, examiner considers data frames are dropped in accordance with the rate at

which data frame were encoded and a processor determines communication channel latency inherently discloses suppressing includes suppressing an initial silence frame situated before a first media frame).

As per claim 3, Yao discloses said suppressing includes suppressing all initial silence frames situated before a first media frame (see column 4, lines 8-40, examiner considers data frames are dropped in accordance with the rate at which data frame were encoded and a processor determines communication channel latency inherently discloses suppressing includes suppressing all initial silence frames situated before a first media frame).

As per claim 4, Yao discloses said suppressing includes suppressing a silence frame situated between two successive media frames (see column 4, lines 8-40, examiner considers data frames are dropped in accordance with the rate at which data frame were encoded and a processor determines communication channel latency inherently discloses suppressing includes suppressing a silence frame situated between two successive media frames).

As per claim 5, Yao discloses said suppressing a silence frame includes suppressing the silence frame that is in access of a predetermined number of silence frames situated between the two successive media frames (see column 4, lines 8-40, examiner considers data frames are dropped in accordance with the rate at which data frame were encoded and a processor determines communication channel latency inherently discloses suppressing a silence frame

includes suppressing the silence frame that is in access of a predetermined number of silence frames situated between the two successive media frames).

As per claim 6, Yao discloses said suppressing the silence frame includes suppressing the silence frame that follows a first predetermined number of silence frame following a first media frame and precedes a second predetermined number of silence frame proceeding a media frame subsequent to the first media frame (see column 4, lines 15-25, examiner considers dropping packets based on first predetermined threshold and second predetermined threshold as suppressing the silence frame that follows a first predetermined number of silence frame following a first media frame and precedes a second predetermined number of silence frame proceeding a media frame subsequent to the first media frame).

As per claim 7, Yao discloses requesting a group call at a first communication device (see column 2, lines 58-60; column 7, line 40 – column 8, line 29; examiner considers wireless communication system of Figure 3 and its request to establish connection as requesting a group call at a first communication device); receiving a stream of media from the first communication device wherein said stream of media comprises of one or more silence frames; (see column 3, lines 20-21; column 8, line 63 – column 9, line 15 and column 12, lines 14- 30; examiner considers receiving data at the receiver as receiving a stream of media from the first communication device wherein said stream of media comprises of one or more silence frames); and automatically suppressing

the one or more silence frames from the received stream of media (see column 3, lines 53-58 ;column 8, line 63 – column 9, line 15 and column 12, lines 14- 30; examiner considers data frames are dropped at a second, higher rate if a processor determines that communication channel latency (inherits silence frame) has increased significantly as automatically suppressing the one or more silence frames from the received stream of media).

As per claims 8-12, claims 8-12 are computer readable medium of method claims 2-6, respectively. They do not teach or further define the limitations recited in claim 2-6, respectively. Therefore, claims 8-12 are rejected for the same reasons set forth in claim 2-6, supra.

As per claims 13-18, claims 13-18 are an apparatus claim of method claims 1-6, respectively. They do not teach or further define the limitations recited in claim 1-6, respectively. Therefore, claims 13-18 are rejected for the same reasons set forth in claim 1-6, supra.

As per claim 19, Yao discloses a receiver capable of receiving information (see column 3, lines 20-21, examiner considers receiving data at the receiver as a receiver capable of receiving information); a transmitter capable of transmitting information (see column 3, lines 3-4, examiner considers dropping data frames at transmitter as a transmitter capable of transmitting information); and a processor (see column 3, lines 12-15, examiner considers a processor located within a transmitter as a processor capable of carrying out suppressing silence frames in a stream of media) for automatically suppressing silence frames in a stream of


media, the method comprising: receiving a stream of media from a user (see column 3, lines 20-21); and the silence frames from the received stream of media is suppressed (see column 3, lines 53-58, examiner considers data frames are dropped at a second, higher rate if a processor determines that communication channel latency (inherits silence frame) has increased significantly as the silence frames from the received stream of media is suppressed).

As per claims 20-24, claims 20-24 are an apparatus claim of method claims 2-6, respectively. They do not teach or further define the limitations recited in claim 2-6, respectively. Therefore, claims 20-24 are rejected for the same reasons set forth in claim 2-6, supra

Conclusion

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of



the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Contact Information

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Saket K. Daftuar whose telephone number is 571-272-8363. The examiner can normally be reached on 8:30am-5:00pm M-W.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Zarni Maung can be reached on 571-272-3939. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

SKD


ZARNI MAUNG
SUPERVISORY PATENT EXAMINER